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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/749,910	12/30/2003	Kulwinder Dhanoa	000174-0615-101/A00985	1395
36981	7590	01/18/2011		
ROPES & GRAY LLP PATENT DOCKETING 39/361 1211 AVENUE OF THE AMERICAS NEW YORK, NY 10036-8704			EXAMINER LEE, CHUN KUAN	
			ART UNIT 2181	PAPER NUMBER
			NOTIFICATION DATE 01/18/2011	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

USPatentMail@ropesgray.com
USPatentMail2@ropesgray.com

**Supplemental
Notice of Allowability**

Application No.

10/749,910

Examiner

Chun-Kuan Lee

Applicant(s)

DHANOA, KULWINDER

Art Unit

2181

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/22/2010.
2. ☒ The allowed claim(s) is/are 1,5-7,11-13,18 and 20-27 (Renumbered as claims 1-16).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date ____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date ____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other ____. |

/Chun-Kuan Lee/
Primary Examiner, Art Unit 2181

DETAILED ACTION

I. INTERVIEW SUMMARY (July 8, 2010)

The interview mainly focused on getting a clear understanding of the core novelty of the instant invention, wherein the attorney presented a real world example of the instant invention as following: transferring buffered data via a single request as data is first read from a first part of a first buffer in a plurality of buffers, then skipping data in a second part of the first buffer in the plurality of buffers to read data from subsequent buffers in the plurality of buffers, and then wrapping around the plurality of buffers to read the skipped data in the second part of the first buffer, as shown in applicant's Figure 4; wherein, applicant's invention transfer data more efficiently as data is transferred utilizing the single request, rather than the conventional two requests (i.e. need a second request to read the skipped data in the second part of the first buffer).

II. DISTINGUISHING FEATURES RECITED IN THE CLAIMS

ALLOWABLE SUBJECT MATTER

Claims 1, 5-7, 11-13, 18 and 20-27 are allowed.

The following is an **Examiner's Statement of Reasons for Allowance**, See **MPEP 1302.14**:

The primary reason for allowance of independent claims 1 in the instant application is that the prior art of record, disclosed by the applicant and cited by the examiner, including the disclosures of Gray et al. (US Patent 6,816,923), Abramson et al. (US Patent 6,499,077), lizuka et al. (US Patent 5,581,530) and Nguyen et al. (US Patent 5,335,326) neither anticipates nor renders obvious, alone or in combination, **all** the claimed limitations of independent claim 1. Because claims 5-6 and 22-23 (renumbered as claims 2-5 respectively) depend directly or indirectly on the independent claim 1, these claims are considered allowable for at least the same reasons noted above.

The primary reason for allowance of independent claims 7 (renumbered as claim 6) in the instant application is that the prior art of record, disclosed by the applicant and cited by the examiner, including the disclosures of Gray et al. (US Patent 6,816,923), Abramson et al. (US Patent 6,499,077), lizuka et al. (US Patent 5,581,530) and Nguyen et al. (US Patent 5,335,326) neither anticipates nor renders obvious, alone or in combination, **all** the claimed limitations of independent claim 7 (renumbered as claim 6). Because claims 11-12 and 24-25 (renumbered as claims 7-10 respectively) depend directly or indirectly on the independent claim 7 (renumbered as claim 6), these claims are considered allowable for at least the same reasons noted above.

The primary reason for allowance of independent claims 13 (renumbered as claim 11) in the instant application is that the prior art of record, disclosed by the

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applicant and cited by the examiner, including the disclosures of Gray et al. (US Patent 6,816,923), Abramson et al. (US Patent 6,499,077), Iizuka et al. (US Patent 5,581,530) and Nguyen et al. (US Patent 5,335,326) neither anticipates nor renders obvious, alone or in combination, **all** the claimed limitations of independent claim 13 (renumbered as claim 11). Because claims 26-27 (renumbered as claims 12-13 respectively) depend directly or indirectly on the independent claim 13 (renumbered as claim 11), these claims are considered allowable for at least the same reasons noted above.

The primary reason for allowance of independent claims 18 (renumbered as claim 14) in the instant application is that the prior art of record, disclosed by the applicant and cited by the examiner, including the disclosures of Gray et al. (US Patent 6,816,923), Abramson et al. (US Patent 6,499,077), Iizuka et al. (US Patent 5,581,530) and Nguyen et al. (US Patent 5,335,326) neither anticipates nor renders obvious, alone or in combination, **all** the claimed limitations of independent claim 18 (renumbered as claim 14). Because claims 20-21 (renumbered as claims 15-16 respectively) depend directly or indirectly on the independent claim 18 (renumbered as claim 14), these claims are considered allowable for at least the same reasons noted above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

CONCLUSION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chun-Kuan (Mike) Lee whose telephone number is (571) 272-0671. The examiner can normally be reached on 8AM to 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alford Kindred can be reached on (571) 272-4037. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Chun-Kuan Lee/
Primary Examiner
Art Unit 2181
January 12, 201